

## REMARKS

Please take this amendment as a substitute amendment for the response filed on 3/3/2005. Thus, the claims are shown as amended from the claims as originally filed. If the proper form for such a submission is an amendment -- taking as its basis the unentered non-responsive amendment -- the Examiner is invited to contact the undersigned who will provide such a format via fax immediately.

Reconsideration of the present application, as amended, is respectfully requested. Claim 1 has been amended. Claims 4-15 have been added. Therefore, claims 1-15 are presented for examination.

Examiner rejected claims 1 and 2 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,524,069 to Inoue. Examiner rejected claims 1-3 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,151,945 to Lee et al. Lee discusses determination of ambient light changes in the environment. However, Lee does not anticipate or make obvious the claims as amended.

Claim 1, as amended, recites:

A method of recognizing a fingerprint comprising:  
detecting the fingerprint;  
digitizing the fingerprint;  
subtracting a digitized background from the fingerprint, resulting in a difference print;  
sending the difference print to a computer system to perform a match to identify an individual associated with the difference fingerprint;  
receiving extracted features from the computer system; and  
confirming the match on the sensor, if the computer system indicated a match.

Lee does not teach or suggest confirming a fingerprint match on a sensor. Therefore, claim 1, as amended, and claims 1-9 which depend on it, are not anticipated by or obvious over Lee.

Newly added claim 10 recites:

A biometric sensor coupled to a computer system, the biometric sensor comprising:

- a sensing unit to detect a biometric;
- a subtraction logic to subtract a digitized background from the fingerprint, resulting in a difference print;
- a connection to securely transmit the difference to the computer system for authentication and to receive a preliminary match from the computer system; and
- a decision making unit to perform verification of the preliminary match and make a final decision on whether the biometric is authenticated.

Lee does not teach or suggest a decision making unit, part of a biometric sensor, to perform verification of the preliminary match and make a final decision on whether a biometric is authenticated. Therefore, claim 10, and claims 11-15 that depend on it, are not anticipated by or obvious over Lee.

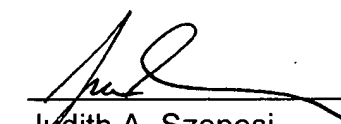
Applicant respectfully submits that in view of the amendments and discussion set forth herein, the applicable rejections have been overcome. Accordingly, the present and amended claims should be found to be in condition for allowance.

If a telephone interview would expedite the prosecution of this application, the Examiner is invited to contact Judith Szepesi at (408) 720-8300.

If there are any additional charges/credits, please charge/credit our deposit  
account no. 02-2666.

Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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